

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF Wu, et al.

**APPLICATION NO: 10/719,188** 

FILED: November 21, 2003

FOR: 3-(PYRIDINYL-PIPERAZIN-1-YL)-PHENYLETHYL AMIDES AS POTASSIUM CHANNEL

**OPENERS** 

Mail Stop DD

Commissioner for Patents

P.O. Box1450,

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §1.56, applicant wishes to call the Examiner's attention to the references cited on the attached form PTO-1449. Copies of these references are enclosed herewith with the following exception: acknowledging the Examiner's direct request, U.S. patents have been cited but not provided in hard copy because they are already readily available to the Examiner.

We provide herewith certified English language translations of Japanese patents JP2-138159 and JP45-14291, both cited in the application and published in Japanese without English equivalents available.

We have provided U.S. 6,413,995 as an English equivalent of reference WO 00/42013 that was published in Japanese and cited in the application.

ÚSSN 10/719,188 CASE CT-2749-NP

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form.

This paper is being filed within three months of the filing date of the application, therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

Respectfully submitted,

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Date: February 3, 2004

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**Enclosures** 

**FORM PTO-1449** (REV. 7-85)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION: DISCLOSURE CITATION

ATTY. DOCKET NO. CT-2749-NP

**APPLICATION NO.** 10/719,188

**APPLICANT** 

Wu, et al.

(Use several sheets if necessary) 21 Nov. 2003 **FILING DATE** FEB 0 5 2004 **U.S. PATENT DOCUMENTS** EXAMINE R INITIAL CLASS SUBCLASS LOOCUMENT NUMBER NAME FILING DATE DATE AA U.S. 4,927,838 22 May 1990 Guthrie, et al. AB Lennox, et al. U.S. 6,046,239 4 Apr 2000 AC U.S. 6,413,995 2 July 2002 Hasegawa, et al. AD **FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT** DATE **OFFICE CLASS SUBCLASS** NO YES NUMBER 冈 SUMITOMO CHEM. IND. CO. 21 May 1970 ΑE JP 45-14291 図 KITAOKI CHEM. IND. CO. AF JP 2-138159 28 May 1990 EP 810220A1 3 Dec 1997 **PFIZER INC** AG SMITHKLINE BEECHAM AΗ WO 00/07993 17 Feb 2000 X WO 00/42013 20 July 2000 TSUMARA & CO. See Αl AC ΑJ WO 01/10380 15 Feb 2001 **ICAGEN INC ICAGEN INC** AK WO 01/10381 15 Feb 2001 AL ΑM OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.) WANG, S., et al., "KCNQ2 and KCNQ3 Potassium Channel Subunits: Modular Correlates of AN the M-Channel", Science, 282, pp. 1890-1893 (1998) AO AΡ AQ AR AS AT **DATE CONSIDERED EXAMINER** 

<sup>\*</sup>EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.